

TITLE

PLANT AMINO ACID BIOSYNTHETIC ENZYMES

ABSTRACT OF THE DISCLOSURE

5 This invention relates to an isolated nucleic acid fragment encoding a plant cysteine γ synthase. The invention also relates to the construction of a chimeric gene encoding all or a portion of the plant cysteine γ synthase, in sense or antisense orientation, wherein expression of the chimeric gene results in production of altered levels of the plant biosynthetic enzyme in a transformed host cell.

10

15

20

25

30

35

KL/dmm